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OM protein - protein search, using sw model

Run on: January 16, 2003, 16:43:32 : Search time 11:3143 seconds
(without alignments)
28,606 Million cell updates/sec

Title: US-09-856-070-23

Perfect score: 55

Sequence: 1 ELMRLQDYEE 11

Scoring table: BLOSUM62

Gapop 10 0 , Gapext 0 5

Searched: 262574 seqs, 20422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cqn2_6/ptcdat2/2/iaa/5A_COMB.pep.*
- 2: /cqn2_6/ptcdat2/2/iaa/5B_COMB.pep.*
- 3: /cqn2_6/ptcdat2/2/iaa/6A_COMB.pep.*
- 4: /cqn2_6/ptcdat2/2/iaa/6B_COMB.pep.*
- 5: /cqn2_6/ptcdat2/2/iaa/6C_COMB.pep.*
- 6: /cqn2_6/ptcdat2/2/iaa/backkilled.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	55	100.0	586	4	US-09-040-725A-1
2	36	65.5	62	4	US-09-056-428A-6
3	36	65.5	63	4	US-09-006-428A-7
4	36	65.5	1151	3	US-08-840-006-6
5	36	65.5	1200	3	US-08-840-006-5
6	34	61.8	357	5	PCT-US91-00899-14
7	34	61.8	405	1	US-07-914-281-8
8	34	61.8	405	1	US-08-393-246-8
9	34	61.8	405	1	US-08-525-058A-8
10	34	61.8	405	2	US-08-483-151-4
11	34	61.8	405	2	US-08-696-731-8
12	34	61.8	405	4	US-09-042-531-8
13	33	60.0	27	4	US-09-040-725A-2
14	33	60.0	143	3	US-08-725-459B-43
15	33	60.0	170	3	US-08-725-459B-31
16	33	60.0	171	3	US-08-725-459B-14
17	33	60.0	201	3	US-08-725-459B-33
18	33	60.0	231	3	US-08-725-459B-32
19	33	60.0	281	3	US-08-725-459B-6
20	33	60.0	331	3	US-08-725-459B-3
21	33	60.0	331	3	US-08-856-419-25
22	33	60.0	374	3	US-08-725-459B-4
23	33	60.0	680	3	US-08-725-459B-3
24	33	60.0	730	3	US-08-725-459B-2
25	33	60.0	733	3	US-08-725-459B-21
26	33	60.0	743	3	US-08-725-459B-22
27	33	60.0	733	3	US-08-725-459B-23

Sequence 29, Appl
Sequence 30, Appl
Sequence 24, Appl
Sequence 27, Appl
Sequence 25, Appl
Sequence 26, Appl
Sequence 35, Appl
Sequence 36, Appl
Sequence 37, Appl
Sequence 38, Appl
Sequence 39, Appl
Sequence 40, Appl
Sequence 12, Appl
Sequence 6, Appl
Sequence 1, Appl
Sequence 79, Appl
Sequence 20, Appl
Sequence 10, Appl

ALIGNMENTS

RESULT 1

US-09-040-725A-1

: Sequence 1, Application US/09040725A

: Patent No. 639584

: GENERAL INFORMATION:

: APPLICANT: Institut Curie

: APPLICANT: CNRS

: APPLICANT: Apin, Monique

: APPLICANT: Crepaldi, Iziana

: APPLICANT: Gauthreau, Alexis

: APPLICANT: Louvard, Daniel

: TITLE OF INVENTION: Pharmacological composition containing a trypsin mutated

: FILE REFERENCE: 391082000100

: CURRENT APPLICATION NUMBER: US/09/040,725A

: CURRENT FILING DATE: 1998-03-18

: NUMBER OF SEQ ID NOS: 4

: SOFTWARE: Patent in Ver. 2.1

: SEQ ID NO 1

: LENGTH: 586

: TYPE: PRT

: ORGANISM: Homo sapiens

US-09-040-725A-1

Query Match: 100.0%, Score 55; DB 4; Length 586;

Best Local Similarity: 100.0%; Pred. No. 0.013;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11

DB 346 ELMRLQDYEE 356

RESULT 2

US-09-006-428A-6

: Sequence 6, Application US/93066428A

: Patent No. 644439

: GENERAL INFORMATION:

: APPLICANT: Jino, Li

: APPLICANT: Kazuhisa Nishizawa

: APPLICANT: Wenqian An

: APPLICANT: Ellis L. Reinherz

: TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A

: FILE REFERENCE: 39623000000

: CURRENT APPLICATION NUMBER: US/99/096,428A

: CURRENT FILING DATE: 1998-01-13

: NUMBER OF SEQ ID NOS: 28

: SOFTWARE: FastSeq for Windows Version 4.0

: SEQ ID NO 6

LENGTH: 62
TYPE: PRT
ORGANISM: Homo sapiens
US 09 006 428A-6

Query Match 65.5% Score 36; DB 4; Length 62;
Best Local Similarity 63.6% Pred. No. 4.2;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMLRLQDYEE 11
1111111111
DB 7 ELVLALDYQE 17

RESULT 3
US 09 006 428A-7

Sequence 7, Application US/00006428A
Patent No. 6444439

GENERAL INFORMATION:

APPLICANT: Jinq Li

APPLICANT: Kazuhisa Nishizawa

APPLICANT: Wenqian An

APPLICANT: Ellis L. Reinherz

TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A

FILE REFERENCE: CG15-LIKE ADAPTOR PROTEIN (CD2BP1)

CURRENT APPLICATION NUMBER: US/09/0006 428A

CURRENT FILING DATE: 1998-01-13

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 7

LENGTH: 64

TYPE: PRT

ORGANISM: Homo sapiens

US 09 006 428A-7

Query Match 65.5% Score 36; DB 4; Length 63;
Best Local Similarity 63.6% Pred. No. 4.3;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMLRLQDYEE 11
1111111111
DB 9 ELVLALDYQE 19

RESULT 4
US 09 840 006-6

Sequence 6, Application US/000064006
Patent No. 6127520

GENERAL INFORMATION:

APPLICANT: Ueda, Tetsufumi

APPLICANT: Ozkan, Eric D.

TITLE OF INVENTION: Compositions And Methods For The

TITLE OF INVENTION: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESS: Medlon & Carroll, LLP

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco

STATE: California

COUNTRY: United States of America

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.10

CURRENT APPLICATION NUMBER: US/08/840,006

FILING DATE: 15-APR-1997

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Carroll, Peter G.

REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: UM-02786
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 6;

SEQUENCE CHARACTERISTICS:

LENGTH: 1151 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-840-006-6

Query Match 65.5% Score 36; DB 3; Length 1151;
Best Local Similarity 63.6% Pred. No. 94;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMLRLQDYEE 11

1111111111

DB 945 ELVLALDYQE 955

RESULT 5

US-08-840-006-5

Sequence 5, Application US/000040006

Patent No. 6127520

GENERAL INFORMATION:

APPLICANT: Ueda, Tetsufumi

APPLICANT: Ozkan, Eric D.

TITLE OF INVENTION: Compositions And Methods For The

TITLE OF INVENTION: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESS: Medlon & Carroll, LLP

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco

STATE: California

COUNTRY: United States of America

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.10

CURRENT APPLICATION NUMBER: US/08/840,006

FILING DATE: 15-APR-1997

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Carroll, Peter G.

REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: UM-02786

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 5;

SEQUENCE CHARACTERISTICS:

LENGTH: 1200 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-840-006-5

Query Match 65.5% Score 36; DB 3; Length 1200;
Best Local Similarity 63.6% Pred. No. 98;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMLRLQDYEE 11

1111111111

DB 970 ELVLALDYQE 980

RESULT 6
PCT-US91-00899-14
: Sequence 14, Application PC/TUS9100899
: GENERAL INFORMATION:
: APPLICANT: LOWE, JOHN B.
: TITLE OF INVENTION: Method and Products For the Synthesis of
: oligosaccharide Structures on Glycoproteins, Glycolipids,
: or as Free Molecules, and For the Isolation of Cloned
: Genetic Sequences That Determine These Structures
: NUMBER OF SEQUENCES: 16
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
: STREET: 1755 Jefferson Davis Highway, Suite 400
: CITY: Arlington
: STATE: Virginia
: ZIP: 22202
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US-91/00899
: FILING DATE: 19910214
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Lavalleye, Jean-Paul
: REGISTRATION NUMBER: 31,451
: REFERENCE/DOCKET NUMBER: 2363-021-55 PCT
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703)521-5940
: TELEFAX: (703)486-2347
: TELEX: 248855 OPAT UR
: INFORMATION FOR SEQ ID NO: 14:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 357 amino acids
: TYPE: AMINO ACID
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: FRAGMENT TYPE: C-terminal
PCT-US91-00899-14

Query Match 61.8%; Score 34; DB 5; Length 357;
Best Local Similarity 63.6%; Pred. No. 64;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
: | | | | |
DB 86 EVDLRVLDYEE 96

RESULT 7
US-07-914-281-8
: Sequence 8, Application US/07914281
: Patent No. 5324663
: GENERAL INFORMATION:
: APPLICANT: LOWE, JOHN B.
: TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
: OF GLICOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
: NUMBER OF SEQUENCES: 14
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
: STREET: 1755 Jefferson Davis Highway, Fourth Floor
: CITY: Arlington
: STATE: Virginia
: COUNTRY: U.S.A.
: ZIP: 22202
: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/914,281
: FILING DATE: 19920720
: CLASSIFICATION: 530
: ATTORNEY/AGENT INFORMATION:
: NAME: Lavalleye, Jean-Paul M. P.
: REGISTRATION NUMBER: 31,451
: REFERENCE/DOCKET NUMBER: 2363-060-55
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703)521-4500
: TELEFAX: (703)486-2347
: TELEX: 248855 OPAT UR
: INFORMATION FOR SEQ ID NO: 8:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 405 amino acids
: TYPE: AMINO ACID
: TOPOLOGY: unknown
: MOLECULE TYPE: protein
US-07-914-281-8

Query Match 61.8%; Score 34; DB 1; Length 405;
Best Local Similarity 63.6%; Pred. No. 73;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
: | | | | |
DB 137 EVDLRVLDYEE 147

RESULT 8
US-08-353-246-8
: Sequence 8, Application US/0833246
: Patent No. 5595900
: GENERAL INFORMATION:
: APPLICANT: LOWE, JOHN B.

: TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
: OF GLICOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
: NUMBER OF SEQUENCES: 14
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
: STREET: 1755 Jefferson Davis Highway, Fourth Floor
: CITY: Arlington
: STATE: Virginia
: COUNTRY: U.S.A.
: ZIP: 22202
: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/393,246
: FILING DATE:
: CLASSIFICATION: 530
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/220,433
: FILING DATE: 30-MAR-1994
: APPLICATION NUMBER: US 07/914,281
: FILING DATE: 20-JUL-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Lavalleye, Jean-Paul M. P.
: REGISTRATION NUMBER: 31,451
: REFERENCE/DOCKET NUMBER: 2363-060-55
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703)521-4500
: TELEFAX: (703)486-2347

TELEX: 248855 OPAT UR
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 405 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US 08-493-246 B

Query Match 61.8%; Score 34; DB 1; Length 405;
 Best Local Similarity 63.6%; Pred. No. 73;
 Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
 1 11: 1111
 DB 137 EVDLRLDYEE 147

RESULT 9

US 08-525-058A B
 Sequence 8, Application US/08525058A
 Patent No. 5770420

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.
 TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 OF OLIGOSACCHARIDE STRIP-TYPES ON GLYCOPROTEINS,
 TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
 STREET: 1755 Jefferson Davis Highway, Fourth Floor
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/525,058A
 FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Lavalleye, Jean-paul M. P.
 REGISTRATION NUMBER: 31,451
 REFERENCE/DOCKET NUMBER: 2363-060-55
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)521-4500
 TELEFAX: (703)486-2347

INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 405 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US 08-525-058A B

Query Match 61.8%; Score 34; DB 1; Length 405;
 Best Local Similarity 63.6%; Pred. No. 73;
 Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
 1 11: 1111
 DB 137 EVDLRLDYEE 147

RESULT 10

US 08-483-151 4
 Sequence 4, Application US/08483151

Patent No. 5858752
 GENERAL INFORMATION:
 APPLICANT: Steed, Brian
 TITLE OF INVENTION: FUCOSYLTRANSFERASE GENES AND USES THEREOF
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/483,151
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: Leech, Karen F.
 REGISTRATION NUMBER: 35,238
 REFERENCE/DOCKET NUMBER: US/86/278001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 405 amino acids
 TYPE: amino acid
 STRANDEDNESS: not relevant
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-483-151-4

Query Match 61.8%; Score 34; DB 2; Length 405;
 Best Local Similarity 63.6%; Pred. No. 73;
 Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
 1 11: 1111
 DB 137 EVDLRLDYEE 147

RESULT 11

US-08-696-731-8
 Sequence 8, Application US/08696731
 Patent No. 5955347

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.
 TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 STREET: 1755 Jefferson Davis Highway, Fourth Floor
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/696,741
FILING DATE: 14-AUG-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/393,246
FILING DATE: 08/220,433
APPLICATION NUMBER: US 08/220,433
FILING DATE: 30-MAR-1994
APPLICATION NUMBER: US 07/914,281
FILING DATE: 20-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Lavalleye, Jean Paul M. P.
REGISTRATION NUMBER: 31,451
REFERENCE/DOCKET NUMBER: 2363-060-55
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 405 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-696-731-8

Query Match 61.8%; Score 34; DB 2; Length 405;
Best local Similarity 63.6%; Pred. No. 73;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0.

QY 1 ELMPLDYEE 11
I: ||: ||||
DB 137 EVDLRVLDYEE 147

RESULT 12

US-09-042-531-8
Sequence 8, Application US/09042531
Patent No. 6268193
GENERAL INFORMATION:
APPLICANT: LOWE, JOHN B.
TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS.
TITLE OF INVENTION: GLYCULIFEDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
City: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPILED: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,531
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/393,246
FILING DATE:
APPLICATION NUMBER: US 08/220,433
FILING DATE: 30-MAR-1994
APPLICATION NUMBER: US 07/914,281
FILING DATE: 20-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Lavalleye, Jean Paul M. P.
REGISTRATION NUMBER: 31,451

REFERENCE/DOCKET NUMBER: 2363-060-55
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 405 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-042-531-8

Query Match 61.8%; Score 34; DB 4; Length 405;
Best local Similarity 63.6%; Pred. No. 73;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0.

QY 1 ELMPLDYEE 11
I: ||: ||||
DB 137 EVDLRVLDYEE 147

RESULT 13

US-09-040-725A-2
Sequence 2, Application US/09040725A
Patent No. 6394584
GENERAL INFORMATION:
APPLICANT: Institut Curie
APPLICANT: CNRS
APPLICANT: Arpin, Monique
APPLICANT: Crepaldi, Tiziana
APPLICANT: Gautreau, Alexis
APPLICANT: Louvard, Daniel
TITLE OF INVENTION: Pharmaceutical composition containing ezrin mutated
TITLE OF INVENTION: on tyrosine 353
FILE REFERENCE: 391082000100
CURRENT APPLICATION NUMBER: US/09/040,725A
CURRENT FILING DATE: 1998-03-18
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 27
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: variation
LOCATION: (22)
OTHER INFORMATION: Xaa - tyrosine or a phosphorylated tyrosine
US-09-040-725A-2

Query Match 60.0%; Score 33; DB 4; Length 27;
Best local Similarity 87.5%; Pred. No. 6.4;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0.

QY 4 LRLDYEE 11
I: |||||
DB 17 LRLDYEE 24

RESULT 14

US-08-725-459B-43
Sequence 43, Application US/08725459B
Patent No. 6084068
GENERAL INFORMATION:
APPLICANT: CONAWAY, RONALD C.
APPLICANT: CONAWAY, JOAN W.
TITLE OF INVENTION: ELONGIN A AND C FUNCTIONAL DOMAINS
NUMBER OF SEQUENCES: 79
CORRESPONDENCE ADDRESS:
ADDRESSEE: SIDDLEY & AUSTIN
STREET: 717 N HARWOOD, SUITE 3400
CITY: DALLAS
STATE: TX

COUNTRY: US
 ZIP: 75201 6507
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/725,459B
 FILING DATE: 04-OCT-1996
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: HANSEN, EUGENIA S.
 REGISTRATION NUMBER: 41,966
 REFERENCE/DOCKET NUMBER: 11146/07501
 TELEPHONE: 214-981-3400
 TELEFAX: 214-981-3400
 INFORMATION FOR SEQ ID NO: 43:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 143 amino acids
 TYPE: amino acid
 STRANDEDNESS: not relevant
 TOPOLOGY: not relevant
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: Peptide
 LOCATION: 1..143
 OTHER INFORMATION: /note="amino acids 520-662 of
 OTHER INFORMATION: Elongin A"
 US 08-725-459B-43

Query Match 60.0%; Score 33; DB 3; Length 143;
 Best Local Similarity 63.6%; Pred. No. 37;
 Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
 I: | | | | |
 DB 108 EMYLRIGQARE 118

RESULT 15

US-08-725-459B 41
 : Sequence 41, Application US/08725459B
 : Patent No. 6084068
 : GENERAL INFORMATION:
 : APPLICANT: CONAWAY, RONALD C.
 : APPLICANT: CONAWAY, JOAN W.
 : TITLE OF INVENTION: ELONGIN A AND C FUNCTIONAL DOMAINS
 : NUMBER OF SEQUENCES: 79
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: SIDLEY & AUSTIN
 : STREET: 717 N. HARMWOOD, SUITE 3400
 : CITY: DALLAS
 : STATE: TX
 : COUNTRY: US
 : ZIP: 75201 6507
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patent In Release #1.0, Version #1.30
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/725,459B
 : FILING DATE: 04-OCT-1996
 : CLASSIFICATION: 530
 : ATTORNEY/AGENT INFORMATION:
 : NAME: HANSEN, EUGENIA S.
 : REGISTRATION NUMBER: 41,966
 : REFERENCE/DOCKET NUMBER: 11146/07501
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 214-981-3400
 : TELEFAX: 214-981-3400

: INFORMATION FOR SEQ ID NO: 31:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 170 amino acids
 : TYPE: amino acid
 : STRANDEDNESS: not relevant
 : TOPOLOGY: not relevant
 : MOLECULE TYPE: protein
 : FEATURE:
 : NAME/KEY: Peptide
 : LOCATION: 1..170
 : OTHER INFORMATION: /note="amino acids 521-690 of
 : OTHER INFORMATION: Elongin A"
 : US-08-725-459B-31
 : Query Match 60.0%; Score 33; DB 4; Length 170;
 : Best Local Similarity 63.6%; Pred. No. 45;
 : Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
 I: | | | | |
 DB 107 EMYLRIGQARE 117

Search completed: January 16, 2003, 16:59:13
 Job time : 11.5143 secs